

CLAIMS

1. Vehicle equipped with individual electric wheel drive trains, particularly multi-axle driven off-road vehicles, comprising one vehicle body (2) and at least one left and one right drive wheels (4, 6) with each of which is coordinated one drive train having at least one electric prime mover (16, 18), said prime mover (16, 18) being situated radially outside the drive wheel (4, 6) at least partly in the installation space occupied by the drive wheel (4, 6) and there being provided for operative connection of a left prime mover (16) with the left drive wheel (4) one left linking transmission (12) and for operative connection of a right prime mover (18) with a right drive wheel (6) one right linking transmission (14) situated upon the side of drive wheel (4, 6) and prime mover (16, 18) facing the vehicle center (42) and the housing (30) of which is rigidly connected with the vehicle body (2), there being provided between an output of each linking transmission (12, 14) and the drive wheels (4, 6) transmission shafts (8, 10) which by means of a joint are connected with the output of the connecting transmission (12, 14) and wherein one shiftable clutch (32) is provided with which the left drive wheel (5) and the opposite right drive wheel (6) can selectively be operatively coupled together.

2. Vehicle according to claim 1, characterized in that the left linking transmission (12) and the right linking transmission (14) have a common housing (30) where the shiftable clutch (32) is located.

3. Vehicle according to claim 1, characterized in that the left linking transmission (12) and the right linking transmission (14) have each one separate housing.

4. Vehicle according to claim 3, characterized in that the shiftable clutch (32) is situated in or one of the separate transmission housings.

5. Vehicle according to any one of claims 1 to 4, characterized in that the shiftable clutch (32) is situated between a transmission element (26) of the left linking transmission (12) non-rotatably connected with the prime mover (16) and a transmission element (34) of the right linking transmission (14) non-rotatably connected with the right prime mover (18).

6. Vehicle according to any one of claims 1 to 4, characterized in that the shiftable clutch (32) is situated between a transmission element (24) of the left linking transmission (12) non-rotatably connected with the left drive wheel (4) and a transmission element (36) of the right linking transmission (14) non-rotatably connected with the right drive wheel (6).

7. Vehicle according to any one of claims 1 to 4, characterized in that the shiftable clutch is situated between an intermediate wheel (28) of the left linking transmission (12) and an intermediate wheel of the right linking transmission (14).